

CLAIMS:

1. An electric lamp which is provided with an electric light source in a light-transmitting bulb provided with a coating comprising an inorganic colored pigment selected from the group formed by oxide nitride pigments of the general formula

- 5 $A_{1-x}A'_xB'O_{2-x}N_{1+x}$, wherein $A = \text{Mg, Ca, Sr, Ba, Zn}$, $A' = \text{Ln, Bi, Al, Fe}$, $B = \text{V, Nb, Ta, Mo, W}$ and $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$ and $0 < x < 1$

or an oxide-nitride pigment of the general formula

$AB_{1-x}B'_xBO_{1+x}N_{2-x}$, wherein $A = \text{Mg, Ca, Sr, Ba, Zn}$, $A' = \text{Ln, Bi, Al, Fe}$, $B = \text{V, Nb, Ta, Mo, W}$ and $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$ and $0 < x < 1$

- 10 or an oxide-nitride pigment of the general formula

$A_yA'_2B_yB'_2O_{5+y}N_{2-y}$, wherein $A = \text{Mg, Ca, Sr, Ba, Zn}$, $A' = \text{Ln, Bi, Al, Fe}$, $B = \text{V, Nb, Ta, Mo, W}$ and $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$ and $0 < y < 2$

or an oxide-nitride pigment of the general formula

- 15 $A'_2B_2B'_yO_{5+y}N_{2-y}$, wherein $A = \text{Mg, Ca, Sr, Ba, Zn}$, $A' = \text{Ln, Bi, Al, Fe}$, $B = \text{V, Nb, Ta, Mo, W}$ and $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$ and $0 < y < 2$

or an oxide-nitride pigment of the general formula

$CD_{2-m}D'_mO_{4-m}N_m$, wherein $C = \text{Mg, Ca, Mn, Fe, Co, Ni, Zn}$ and $D = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$ and $D' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$, and $0 < m < 2$

or an oxide-nitride pigment of the general formula

- 20 $C_{1-n}C'_nD_2O_{4-n}N_n$, wherein $C = \text{Mg, Ca, Mn, Fe, Co, Ni, Zn}$, $C' = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$, $D = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$ and $0 < n < 2$

or an oxide-nitride pigment of the general formula

A'_2CBO_5N , wherein $A' = \text{Ln, Bi, Al, Fe}$, $C = \text{Mg, Ca, Mn, Fe, Co, Ni, Zn}$, $B = \text{V, Nb, Ta, Mo, W}$

- 25 or an oxide-nitride pigment of the general formula

$A'_2A''BO_4N_2$, wherein $A' = \text{Ln, Bi, Al, Fe}$, $A'' = \text{Ln, Bi}$, $B = \text{V, Nb, Ta, Mo, W}$

or an oxide-nitride pigment of the general formula

$A'_2DBO_3N_3$, wherein $A' = \text{Ln, Bi, Al, Fe}$, $D = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$ and $B = \text{V, Nb, Ta, Mo, W}$

and with means for operating the electric light source.

2. An electric lamp as claimed in claim 1, characterized in that the electric lamp is an incandescent lamp.

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3. An electric lamp as claimed in claim 1, characterized in that the coating is provided on the inside of the bulb.

4. An electric lamp as claimed in claim 1, characterized in that the coating

10 additionally comprises a white pigment.

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